

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 496  | watanabe-hajime.IN.   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/15<br>09:41 |
| S2    | 25   | S1 and (cage or<br>retainer)  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/15<br>09:41 |
| S3    | 3522 | !tek!.AS.   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/15<br>09:46 |
| S4    | 362  | S3 and (cage or<br>retainer)  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/15<br>09:46 |
| S5    | 353  | S4 not S2   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/15<br>09:46 |
| S6    | 202  | S5 and roller   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/15<br>09:46 |
| S7    | 13   | S6 and ((one adj way)<br>or one\$way or free<br>\$wheel or free<br>\$wheeling or over<br>\$running or uni<br>\$directional) | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/07/15<br>09:48 |
| S8    | 3    | ("20020183147"  <br>"5941355"   "6588560").<br>PN.  | US_PGPUB;<br>USPAT  | OR               | ON      | 2008/07/15<br>10:09 |

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S9  | 2417 | ((one adj way) or one \$way or free\$wheel or free\$wheeling or over \$running or uni \$directional) and (cage or retainer) and inserting and rotating   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/15 10:25 |
| S10 | 129  | S9 and (method adj assembl\$3)   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/15 10:26 |
| S11 | 1678 | 192/45.ccls.   | US_PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/15 10:34 |
| S12 | 554  | S11 and (cage or retainer)   | US_PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/15 10:34 |
| S13 | 8    | S12 and (method adj assembl\$3)  | US_PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/15 10:35 |
| S14 | 11   | S11 and (method adj assembl\$3)  | US_PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/15 10:37 |
| S15 | 3    | S14 not S13  | US_PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/15 10:38 |
| S16 | 16   | ("3537554"   "3537555"   "3937312"   "3955659"   "4878569"   "5511642"   "5695031").PN. OR ("5941355").URPN.   | US_PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/15 11:57 |
| S17 | 16   | ("4054192"   "4185724"   "4679676"   "4711330"   "4724940"   "4787490"   "4834227"   "4850463"   "4924981"   "4986402"   "4993528"   "4995489"   "5048651"   "5062512").PN. OR ("5704458").URPN. | US_PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/15 12:07 |
| S18 | 22   | ("2793729"   "2812839"   "3194369"   "3324980"   "4185724"   "4187937"   "4679676"   "4736827").PN. OR ("4986402").URPN.   | US_PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/07/15 14:25 |

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S19 | 416  | ((one adj way) or one \$way or free\$wheel or free\$wheeling or over \$running or uni \$directional) and (cage or retainer) and (method adj2 assembling)                          | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/15 15:02 |
| S20 | 61   | ((((one adj way) or one \$way or free\$wheel or free\$wheeling or over \$running or uni \$directional) adj clutch) and roller and (cage or retainer) and (method adj2 assembling) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/15 15:03 |
| S21 | 918  | 29/898.061-898.065. ccls.   | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT                | OR | ON | 2008/07/16 07:19 |
| S22 | 873  | 29/898.061-898.065. ccls.   | US_PGPUB; USPAT; USOCR                                   | OR | ON | 2008/07/16 07:19 |
| S23 | 314  | S22 and (cage or retainer)  | US_PGPUB; USPAT; USOCR                                   | OR | ON | 2008/07/16 07:19 |
| S24 | 10   | S23 and ((one adj way) or one\$way or free \$wheel or free \$wheeling or over \$running or uni \$directional)   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/16 07:20 |
| S25 | 1258 | 29/434.ccls.  | US_PGPUB; USPAT; USOCR                                   | OR | ON | 2008/07/16 07:23 |
| S26 | 157  | S25 and (cage or retainer)  | US_PGPUB; USPAT; USOCR                                   | OR | ON | 2008/07/16 07:23 |
| S27 | 17   | S26 and ((one adj way) or one\$way or free \$wheel or free \$wheeling or over \$running or uni \$directional)   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/16 07:23 |
| S28 | 1148 | 29/469.ccls.  | US_PGPUB; USPAT; USOCR                                   | OR | ON | 2008/07/16 07:26 |
| S29 | 91   | S28 and (cage or retainer)  | US_PGPUB; USPAT; USOCR                                   | OR | ON | 2008/07/16 07:26 |
| S30 | 7    | S29 and ((one adj way) or one\$way or free \$wheel or free \$wheeling or over \$running or uni \$directional)   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/16 07:26 |

|     |     |  |                           |    |    |                     |
|-----|-----|--|---------------------------|----|----|---------------------|
| S31 | 152 | ("2753027"   "3055472"<br>  "3118525"  <br>  "3134471"   "3166169"<br>  "3184020"  <br>  "3219163"   "3241641"<br>  "3260333"  <br>  "3339687"   "3404760"<br>  "3500977"  <br>  "3537554"   "3537555"<br>  "3598212"  <br>  "3731774"   "3737015"<br>  "3799306"  <br>  "3877555"   "3899225"<br>  "3917036"  <br>  "3937312"   "3955659"<br>  "3990555"  <br>  "3993176"   "4004840"<br>  "4106602"  <br>  "4114739"   "4230211"<br>  "4252221"  <br>  "4391476"   "4422537"<br>  "4522289"  <br>  "4555002"   "4571227"<br>  "4664237"  <br>  "4711330"   "4712661"<br>  "4723645"  <br>  "4723851"   "4782928"<br>  "4783182"  <br>  "4808082"   "4819776"<br>  "4821857"  <br>  "4830157"   "4848508"<br>  "4850462"  <br>  "4850463"   "4878569"<br>  "4893702"  <br>  "4921084"   "4924980"<br>  "4924981"  <br>  "4987670"   "4998605"<br>  "5033878"  <br>  "5156246"   "5183139"<br>  "5195604"  <br>  "5273144"   "5275261"<br>  "5279399"  <br>  "5279400"   "5307911"<br>  "5443147"  <br>  "5511642"   "5526911"<br>  "5542515"  <br>  "5636720"   "5675202"<br>  "5695031"  <br>  "5957592"   "5996753"<br>  "6093991"  <br>  "6116393"   "6138804"<br>  "6170625").PN. OR<br>("2004/0129524"  <br>  "2172653"   "3166169"<br>  "3937312" | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/16<br>08:28 |
|-----|-----|--|---------------------------|----|----|---------------------|

|     |     |   |                    |    |                           |
|-----|-----|---|--------------------|----|---------------------------|
|     |     | "4566567"   "4819776"<br>  "4915201"  <br>"4995489"   "5062512"<br>  "5617937"  <br>"5941355"   "6092634"<br>  "6588560").URPN.   |                    |    |                           |
| S32 | 138 | ("2753027"   "3055472"<br>  "3118525"  <br>"3134471"   "3166169"<br>  "3184020"  <br>"3219163"   "3241641"<br>  "3260333"  <br>"3339687"   "3404760"<br>  "3500977"  <br>"3537554"   "3537555"<br>  "3598212"  <br>"3731774"   "3737015"<br>  "3799306"  <br>"3877555"   "3899225"<br>  "3917036"  <br>"3937312"   "3955659"<br>  "3990555"  <br>"3993176"   "4004840"<br>  "4106602"  <br>"4114739"   "4230211"<br>  "4252221"  <br>"4391476"   "4422537"<br>  "4522289"  <br>"4555002"   "4571227"<br>  "4664237"  <br>"4711330"   "4712661"<br>  "4723645"  <br>"4723851"   "4782928"<br>  "4783182"  <br>"4808082"   "4819776"<br>  "4821857"  <br>"4830157"   "4848508"<br>  "4850462"  <br>"4850463"   "4878569"<br>  "4893702"  <br>"4921084"   "4924980"<br>  "4924981"  <br>"4987670"   "4998605"<br>  "5033878"  <br>"5156246"   "5183139"<br>  "5195604"  <br>"5273144"   "5275261"<br>  "5279399"  <br>"5279400"   "5307911"<br>  "5443147"  <br>"5511642"   "5526911"<br>  "5542515"  <br>"5636720"   "5675202"<br>  "5695031" | US-PGPUB;<br>USPAT | OR | ON<br>2008/07/16<br>08:28 |

|     |     |   |                           |    |    |                     |
|-----|-----|---|---------------------------|----|----|---------------------|
|     |     | "5957592"   "5996753"<br>  "6093991"  <br>"6116393"   "6138804"<br>  "6170625").PN. OR<br>("2004/0129524"  <br>"2172653"   "3166169"<br>  "3937312"  <br>"4566567"   "4819776"<br>  "4915201"  <br>"4995489"   "5062512"<br>  "5617937"  <br>"5941355"   "6092634"<br>  "6588560").URPN.  |                           |    |    |                     |
| S33 | 33  | (US-20020183147-\$ or<br>US-20050092573-\$ or<br>US-20040129524-\$ or<br>US-20030000792-\$).<br>did. or (US-6588560-\$<br>or US-5941355-\$ or US-<br>4949824-\$ or US-<br>7124868-\$ or US-<br>7004861-\$ or US-<br>6830137-\$ or US-<br>6343682-\$ or US-<br>6092634-\$ or US-<br>5695031-\$ or US-<br>3937312-\$ or US-<br>5819898-\$ or US-<br>5704458-\$ or US-<br>5062512-\$ or US-<br>4995489-\$ or US-<br>4993528-\$ or US-<br>4679676-\$ or US-<br>5667046-\$ or US-<br>5617937-\$ or US-<br>5156246-\$ or US-<br>5129495-\$ or US-<br>5007514-\$ or US-<br>4915201-\$ or US-<br>4830157-\$ or US-<br>4819776-\$ or US-<br>4566567-\$ or US-<br>4187937-\$).did. or (US-<br>4185724-\$).did. or (US-<br>3166169-\$ or US-<br>2172653-\$).did. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/16<br>08:29 |
| S34 | 125 | S32 not S33   | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/16<br>08:29 |

7/16/08 9:29:57 AM  
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